

**THESE MEN ARE ALWAYS DEEP IN THE DOUGH — BAKING KIND,** that is, at the Y-12 Cafeteria. In the picture at left William A. Monroe, baker, is preparing pie crust dough while Jamie J. Goodman, head baker, at right, is placing a pan of rolls into one of the battery of six bake ovens in the Cafeteria, shown along the wall at rear. At right it's a case of "it goes in here and comes out there." Bill Monroe is dropping a slab of pie crust dough into a machine that rolls it out in either perforated top crust or solid lower crust, the finished product being handled by Jamie Goodman. The dough is first cut into slabs, center, before being placed into the cutting machine. At right the unbaked crusts are shown in pie tins prior to having the filling being poured.

## Y-12 Cafeteria Bakers Do Well With Dough, Baking Kind, From Flour To Finished Food

**Goodman And Monroe Mix All Ingredients, Then Bake Rolls, Cornbread, Pies And Cakes**

When it comes to handling dough—the cookin' kind, that is—the Y-12 Cafeteria has a couple of fellows who are past masters at making patrons of the place drool over their output of rolls, pies, cakes and other menu items originating from flour. With top-notch equipment at their command and experience in their backgrounds, Head Baker James J. Goodman and Baker William A. Monroe have won many compliments from regular Y-12 diners at the Cafeteria and from many visiting dignitaries as a result of their work.

### New Proof Oven Valuable

Right now, Goodman, Monroe and Cafeteria Supervisor George J. McNamee are particularly happy over the recent installation of a new proof oven. This is a bit of equipment that evenly and speedily proofs all breads served at the Cafeteria in preparation for actual baking.

The completely air conditioned unit with controlled heat and humidity speeds the fermentation of yeast in rolls used in the Cafeteria. When first prepared for the proof oven, the rolls are little dabs of dough, much smaller than the finished product. After about 30 minutes in the proof oven the yeast has acted to increase the size of the rolls—which then are ready for the bake oven.

The new Y-12 proof oven can accommodate nine shelves of contents or a capacity of 36 pans 18 inches by 26 inches in size. At

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### ENTREES ARE ATTRACTIVE FOR Y-12 CAFETERIA SPECIAL LUNCHEES

Attractive and tasty entrees have been selected for the 50-Cent Special Lunches to be served at the Y-12 Cafeteria tomorrow, Thursday, September 29; and next Tuesday, October 4. The main dish tomorrow will be pineapple fritters with grilled bacon and syrup. On next Tuesday ham patties with apple rings will be served. The Special Lunches also include one vegetable, choice of salad or dessert and rolls and butter.

## Geneva Paper To Be Heard At AIEE Meeting Tonight

A paper on "Aqueous Homogeneous Power Reactors," given at the International Conference for Peaceful Uses of Atomic Energy in Geneva, Switzerland, last month, will be read tonight, Wednesday, September 28, at a meeting of the Oak Ridge Chapter of the American Institute of Electrical Engineers. The meeting will be at 7:30 p.m. in the Ridge Recreation Hall and all members of the chapter and the public is invited to attend.

The paper will be read by R. B. Briggs, of the Oak Ridge National Laboratory. It was originally prepared and presented at the Geneva conference by Dr. J. A. Swartout, also of ORNL.

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## Fall Dance By Girls' Club Saturday Will Open Season

The Y-12 Girls Club will open what it expects to be an interesting and entertaining social season for members and other employees on Saturday night, October 1, when the organization will hold its first dance. The affair, called the Fall Dance of the club, will be held at the Oak Terrace ballroom, from 9 p.m. to 1 a.m., with music provided by Willie Gibbs and his Illusionaires, a Knoxville dance band that has been highly praised for past performances in Oak Ridge.

Girls' Club members have been pushing the advance sale of tickets and report that indications point to

## Fire Prevention Week October 9-15 Provides 'Booster Shot' For Y-12ers

**Year Around Program To Be Checked In Plant And Homes To Bare Hazards To Life, Property**

The enviable year around fire prevention program in the Y-12 Plant will be given a "booster shot" as the national observance of Fire Prevention Week October 9-15 provides the opportunity to rid the plant—and homes of Y-12ers—of fire hazards. In a proclamation to the entire nation, President Dwight D. Eisenhower has called "upon the citizens of all communities in the land to organize effective programs for reducing needless waste caused by preventable fires" and every Y-12er should whole-heartedly join in the campaign to make the plant and their homes better places in which to work and live.

No spectacular activities are planned for the plant's observance of Fire Prevention Week. However, during that week particular efforts are to be made to find and eliminate any fire hazards that might have been created in the plant through accumulation of trash and rubbish and from other reasons.

### Thorough Inspections Planned

Thorough inspections of every nook and cranny of the plant are urged of Fire, Safety and Security committees of each division and department. Inspection blanks are provided by the Fire Department for use in checking any hazards found—and to see that they are abolished.

Building emergency equipment of fire extinguishers, fire alarm boxes and first aid boxes in various buildings also are to be checked with attention given to condition, location and accessibility. At the end of Fire Prevention Week the Fire, Safety and Security Coordinator of each division is urged to submit to the Fire Department a report telling how many fire prevention meetings were held in the division before and during Fire Prevention Week, number of employees attending these meetings, number of inspections made and a brief summary of accomplishments during Fire Prevention Week.

### Rubbish To Be Removed

Special clean-up crews are expected to be appointed in various departments to clean up rubbish and other unwanted material that may have accumulated during the summer. This trash will be picked up by the plant Pick-Up and Delivery service on request.

Fire Prevention Week is observed annually during the week in which October 9 falls—the anni-



## Bench Grinder Awards Now Are Available

**302 Other Articles Still Uncalled For**

The bench tool grinders, chosen by 617 Union Nuclear Company employees as their safety awards for the 15th Union Carbide Safety Period, have been received by the Y-12 Safety Department and may be obtained by the eligible employees making that selection. The grinders and other uncalled for articles may be picked up at the Safety Department office, first floor, southwest wing, Bldg. 9704-2, between 8 a.m. and 4:30 p.m.

Meanwhile the Safety Department was kept busy all last week handing out awards that were not called for during the original distribution period on September 14 and 15. At noon last Friday 302 articles remained uncalled for at the Safety Department.

The Safety Department pointed out that the deadline for distribution of the 15th Safety Period Awards will be at 4:30 p.m., Friday, October 14. This is the last day of the 30-day period previously set for final distribution of these awards.

### SAFETY SCOREBOARD

**The Y-12 Plant Has Operated 12 Days Or 417,816 Man-Hours (Unofficial Estimate) Without A Lost Time Accident Through September 25**

## Average Length Of Life Now Placed At All-Time High

Average length of life among America's wage earners and their families has reached an all-time high just short of the Biblical three score and ten.

An expectation of life at birth of 69.8 years was reported by the Metropolitan Life Insurance Co. for its millions of industrial policyholders, based on mortality conditions prevailing in 1954. This figure represents a gain of almost a full year over that for 1953. Based on mortality in 1879-1889, the average lifetime was only 34 years.

## Research On Cyclotron Set For Discussion At Seminar

H. L. Reynolds, a Union Carbide Nuclear Company employee in the Y-12 Plant area, will speak at the weekly meeting of the Oak Ridge Physics Seminar set for Friday afternoon of this week, September 30. The meeting will be at 3:15 p.m. in the auditorium of Bldg. 4500, Oak Ridge National Laboratory. Reynolds' topic will be "Recent Research with the ORNL 63-Inch Cyclotron."



# The Bulletin

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### MORROW—HARGRAVES

Of interest to the many friends of the bride and groom in Y-12, was the marriage of Robert Lee Morrow, of the Colex Operations Department, at 4 o'clock Sunday afternoon, September 25, to Miss Barbara Elizabeth Hargraves.

The ceremony was at the home of the bride's parents, Mr. and Mrs. K. W. Hargraves, 105 Lancaster Road, Oak Ridge. The Rev. Arthur Graham officiated.

The groom is the son of Mr. and Mrs. R. F. Morrow, 315 Jefferson Ave., Oak Ridge.

The bride was given in marriage by her father, Mrs. Richard Spears served as matron of honor at the wedding. The groom's best man was his father.

Both the bride and groom are graduates of Oak Ridge High School. They will live in Oak Ridge.



Get-well wishes are sent to the following Y-12 employees who were patients last week in the Oak Ridge Hospital:

J. W. Jarnigan, T. C. Long and E. C. Hawkins, Building and Grounds; Edward L. Armstrong, Thomas R. Webber and James M. Butts, General Machine Shop; Helen Hicks, Research Services; Mary C. Morrison, Production Assay; H. D. Pierce, Process Maintenance; B. W. Helton, Colex Operations; Frankie DuBose, Mechanical Operations Division; R. S. Phillips, Receiving and Shipping; John S. Henley, Electrical Maintenance; C. E. Harness, Field Maintenance; O. F. Jordan, General Utilities; J. P. Wheeler, Product Processing; Roy C. Ridge, Guard; Major P. Welch, Beta Four Maintenance; J. Hagood, Beta Two; Emmett L. Moore, Fire Prevention and Control; Mrs. Will R. Kelly, Planning and Estimating; Otis Kirk, Janitors.

### B Shift Sets Informal Hop At Terrace On October 8

The first annual informal fall dance of the B Shift, scheduled for Saturday night, October 8, at the Oak Terrace, is expected to be one of a series of similar affairs given by various shifts for entertainment of Y-12ers working on rotating schedules. The B Shift dance will begin at 8:30 p.m. and admission will be \$1.25 per person.

A floor show will be presented and music will be provided by the Ronnie Walden orchestra. Tickets now are on sale by Lucille Hatmaker, Time Office in the Cafeteria; Bob Bledsoe, Bldg. 9204-4; Louise Haden, Dispensary; Bill Ramsey, Bldg. 9204-2; Carl Frazier, Bldg. 9201-4; Charley Denkert, Bldg. 92-1-5; and at the office of the Plant Shift Superintendent.



**FUN, FROLIC AND FOOD WERE FOREMOST AT THE ALLOY DIVISION** picnic held recently at Concord, pictures of which are shown above. Husbands, wives and children turned out to swell the crowd to about 130 and while all did not indulge in the volleyball, softball, horseshoe pitching and other sports—no one missed getting in line for the feast spread atop picnic tables. Other than a few bumps, bruises and splinters suffered



by the small fry, a wonderful time was had by all—thanks to the direction of Picnic Chairman Bob Wilder. The picture at left shows some of the adults heaving to at the festive board. At right is a collection of various and sundry youngsters with the recognizable grown-ups being Ruby White-will, rear left; Wanda Livesay, center; and at right rear a group composed of C. D. Whitewill, Ben Schmidt and J. K. White.

## Y-12 Cafeteria Bakers Do Well With Dough

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top capacity the shelves are only three inches apart—but they are adjustable to care for other items larger than the rolls usually placed in it.

### Even Temperature Maintained

It normally operates at a temperature of approximately 96 degrees with the humidity at about the same rate, maintained evenly by thermostatic control. Of course, the heat and humidity change with different types of dough.

The new oven replaces an inadequate and obsolete steam box with manual controls.

The Y-12 Cafeteria makes all of the bread served—except loaf bread. The output of the bake shop includes rolls of all kinds—sweet rolls, hard rolls, buns for weiners and hamburgers, soft rolls, corn bread, corn muffins, and others. Then come the pies, cakes, doughnuts and other delectable sweets on the dessert list—all the work of Goodman and Monroe.

### Six Bake Ovens Used

In following various items from the proof oven through to completion, the next step, of course, is the bake ovens. The Y-12 Cafeteria has a battery of six of these electrically operated units in three units of two decks each. Each oven is 54 inches wide, 64 inches deep and eight inches high—ample to care for the smallest rolls to the largest cakes usually served.

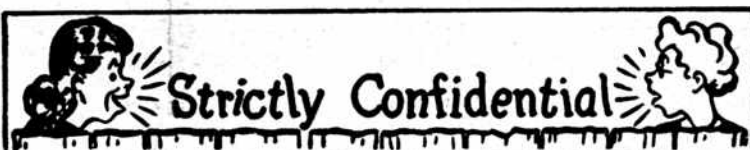
With this equipment the bake shop has quite a capacity. For instance, an average daily output would be around 88 dozen rolls of two different types, six dozen assorted pies, 28 dozen corn muffins, and five to six cakes baked in the 18 by 26-inch pans that will provide 60 cuts to the cake.

### Baking Not All Of Job

In case the impression be gained that all Goodman and Monroe have to do with all this is just the baking—it will be well to correct that idea at once. This pair of culinary artists do far more. These men personally attend to mixing all the ingredients of the many varieties of pies, cakes and rolls; they concoct the icings and meringues—in fact handle the entire job from flour to fixings.

Another gadget in the bake shop of which its operators are proud is a machine to roll and cut pie crusts—both top and bottom. This machine was built in Y-12 several years ago and rapidly turns out either the perforated top crusts—the holes allow steam to evaporate while pies are baking—and the solid bottom crusts. The dough intended for this purpose is pre-cut to proper weight and then fed into the machine in unshaped form. Quickly passing through rollers and perforating equipment, the crusts come out ready to place in pans and then receive the fillings.

Both Jamie Goodman and Bill Monroe have been Y-12ers for more than 10 years. The former



Slightly sad joke department—**Bill:** "Why do umpires always favor New York teams?"

**Will:** "Why?"  
**Bill:** "Because it is the umpire state."

**Oh me, oh my—well maybe the rest of the colyum won't be so sour.**

### INDUSTRIAL RELATIONS

The Personnel Department pitched a picnic that was really a picnic last week out to the Oak Ridge Sportsmen's Club grounds. Recreation Supervisor Harlan Wright sort of had charge of things and was given good down field blocking help by Cafeteria Supervisor George J. McNamee in arranging the yuin-yummy victuals (which was right and fittin' to do) with other hard labor assistance being provided by Ralph Pearson, Jesse Guinn, Arnold Tiller and others (hope nobody is neglected). Under a benign moon after preliminary culinary consumption was completed, Johnny Robinson, Cafeteria, led some real gone spiritual singing—then the Old McNamee himself and two survivors of the Choral Music Society of Lower Pole Cat Ridge—C. Cooper and G. Dobbs—sent the aforesaid moon into hiding with numerous ballads dedicated to the lunar body, in addition to a ditty concerning someone named Sarah, who, it seems, shined shoes. Oh, it was a real picnic, believe you us.

Once in awhile it's necessary to bend a rule pertaining to publication of lost articles—this time it is for Genie Hale, of Personnel Services, who was quite wrought up last week over the loss of a small pair of ear rings with gold setting that were a wedding gift from her husband—they were lost somewhere around the Central Parking Lot or Bldg. 9704-2. Her telephone number is 7157—if anybody finds them . . . Evelyn Allen got a warm welcome back to the department last week on rejoining Y-12 forces.

Bob Cantrell, Employment, will be at home this week watching his favorite Yanks in the World Series—he's stuck with 'em all season.

The Guard Department is congratulating C. E. Evans, who became a member of the Y-12 Grandfather's Club last week . . . Also to Cap'n Harry Leroy Dickerson, whose daughter was married . . . Cap'n J. H. Conner was a vacationer at home last week, as was D. B. Williams.

came to work on January 3, 1945, and Monroe on March 28 of the same year. Both are well known to many Y-12ers despite their enforced stay behind the scenes most of the time—but probably are best known by the quality of their output—dough.

**Big Chief W. O. Elam**, of the Fire Department, is vacationing at his Heiskell estate this week—"just planning a little farming," he says. If you have any fires, call **Capt. Bill McGill**.

Security welcomes newcomer **Kathleen Cathey** to the department.

### CHEMICAL

Product Processing sends rapid-recovery wishes to **A. F. Vinson** and **Wilma Rodgers**, both ailing last week.

**H. D. Adkins**, Chemical, was sashaying around Tampa and Key West, Fla., last week . . . **R. W. Edmonds** and **E. S. Childs** are the vacationers this week . . . **Herb Reed** is welcomed back after a spell of sickness and get-well wishes are sent **P. C. Pennington** and **J. O. Acuff** . . . Condolences are extended **L. M. VanArnsdale**, whose father died last week.

### MAINTENANCE

Process Maintenance people and many other friends of **Al Groppe** extend deepest sympathy to him over the death last Thursday night in Milwaukee of his infant grandson—the youngster was the son of Wayne Groppe, an ex-Y-12er and Navy vet who is living in the Wisconsin city . . . Get-well wishes are sent **C. M. Goodlin**, who was laid up last week with a broken ankle . . . **L. L. Perkins** and **I. H. Bell** are vacationing.

Through an unfortunate error in transcription last week it was noted here that the mother-in-law of **W. C. Moyers**, Planning and Estimating, had died recently—it was his mother . . . The department and other friends in Y-12 are sorry to learn that Phyllis Terry, a former P. & E. employee, lost her twin babies last week . . . **Barbara Thomas** is vacationing this week at Pine Bluff, Ark., accompanied by her mother . . . Others away at unreported destinations are **F. A. Watson** and **E. G. Richardson**.

**C. W. Toney**, of the Garage, was ill last week and receiving get-well wishes . . . **J. A. Coston** rested up last week at Hendersonville, N. C.

Research Services has **O. D. Miller** on vacation this week.

Electrical Maintenance sends rapid-recovery wishes to **W. H. Jones**, **S. E. Adams** and **T. V. Williams** . . . Lots of vacationers—including **D. E. Goff**, **O. J. Pierce**, **T. J. Anders**, **B. M. Cox**, **R. E. Justice**, **W. H. Haddix** and **R. C. Burns**.

**Lela Leslie**, of the Laundry, is vacationing this week.

Alpha Five Maintenance also has vacationers—**C. R. Sharp**, **S. W. Owens** and **W. T. Martin**.

**Johnnie Frakes**, Alpha Four Maintenance, is still out of breath—he climbed Mt. LeConte last week . . . **F. J. Blair** says none of

## Fire Prevention Gets 'Booster Shot' In Y-12

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versary of one of the world's greatest and most costly conflagrations in terms of loss of life and property. The horrible aftermath of that disaster should be enough to spur every Y-12er to a conscientious effort to combat fire hazards wherever found—in the plant or at home. Fire safety practices should never be left at the plant—but taken home to prevent possible great personal losses of lives of loved ones as well as of property that may have taken years to accumulate.

"Don't Give A Place To Start" is the slogan for the 1955 Fire Prevention Week program—and it might as well be adopted here, too.

that—he is just hunting and fishing around home . . . Others who are away are **B. R. Disney** at home, **T. R. Clotfelter**, **C. G. Moran**, **T. T. Asbury** and **C. E. Conley**.

Salvage also has its share of vacationers, but don't know where they went—the resting-uppers include **Mallie Patterson**, **C. T. Russell**, **C. J. Allmon**, **C. E. Keaton** and **C. L. Miller**.

### TECHNICAL

**R. T. Lovell** and **M. L. Taylor** were Project Engineering's vacationers last week.

**R. D. Thompson**, Civil and Architectural Engineering, was down in Red Stick, La., (Baton Rouge, it says on the map) . . . **D. C. Jameson, Jr.**, is away this week.

**Jimmy Cagle**, Development Operations, is away vacationing in Florida and South Carolina . . . **M. J. Bezik** is up—or down—take your choice, East, this week . . . **C. F. Piper** also way away last week.

**C. K. Sanders**, Chemical and Industrial Engineering, worked on his house over in Knoxville while vacationing last week . . . **V. C. Barnes** also was off . . . **Marie Hensley** is welcomed as a newcomer to the department.

Electrical Engineering sends get-well wishes to **H. G. Tiller** . . . Welcomes are given to **R. A. Roach**, a co-op student back with the department; and to **G. D. Ball**.

Special Testing rolled out the welcome mat for **L. G. Losh**, a new employee, last week . . . **F. Miracle** was a vacationer last week.

**V. F. Rutherford**, Health Physics, is taking it easy at his Norris home this week . . . **J. D. Hall** also is away for the week.

Instrument Engineering welcomes newcomer **B. E. Cooper**.

### MANUFACTURING OFFICE

The Cashier and Travel Office missed the beaming countenance of **Barbara Shuler** last week—she was sent get-well wishes.

**Glen Kindred**, of the Time Office, is vacationing at Rockwood. **Dee Asbury**, of Property, and

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## Three Y-12 Bowling Teams In New Loop

### Kendig And Cobble Officers In All-Carbide

With three Y-12 teams participating along with two from K-25 and two from Oak Ridge National Laboratory, the All-Carbide Limited Scratch Bowling League will



begin bowling activities for the season on next Tuesday night, October 4, at the Central Alleys, it was announced last week by Avery Kendig, of Y-12, presi-

**Avery Kendig** dent of the circuit. Kendig was named to head the circuit at an organizational meeting of the league last week.

Ernie Cobble, another Y-12er, was elected vice president of the loop and Bill Felknor, of ORNL, was picked for secretary-treasurer.

The new league is limited to teams formed entirely of Union Carbide Nuclear Company employees. President Kendig said last week that it is hoped to have two more teams ready to start with the circuit next week and has invited any Y-12ers interested in entering to communicate with him at plant telephone 7468. Any presently organized team or a new group may enter.

The Y-12 teams now entered are the Rippers, Bumpers and Cubs, all of the Classic League.

To even up the competition the team average scoring is limited to 825, thereby the name "limited scratch league."

Organization of the new league is seen as increasing healthy rivalry between teams of the different UCNC facilities in Oak Ridge. The league will bowl every Tuesday night at 8:30 o'clock.

## Two Teams Tied In C Pin League

With two sessions of alley activities behind them, plant bowlers in the C League already are seeking ways and means of stopping the Hot Wires and Murderer's Row teams. Each of these outfits have seven won and one lost records and have a considerable margin over the other keglering combines. Last week the Murderer's Row whitewashed the Deltas and the Hot Wires took the Sooners for three points. In other matches on the second night of bowling the Q Balls blanked the Rusty Five and the Hornets and Glass Arms divided four points.

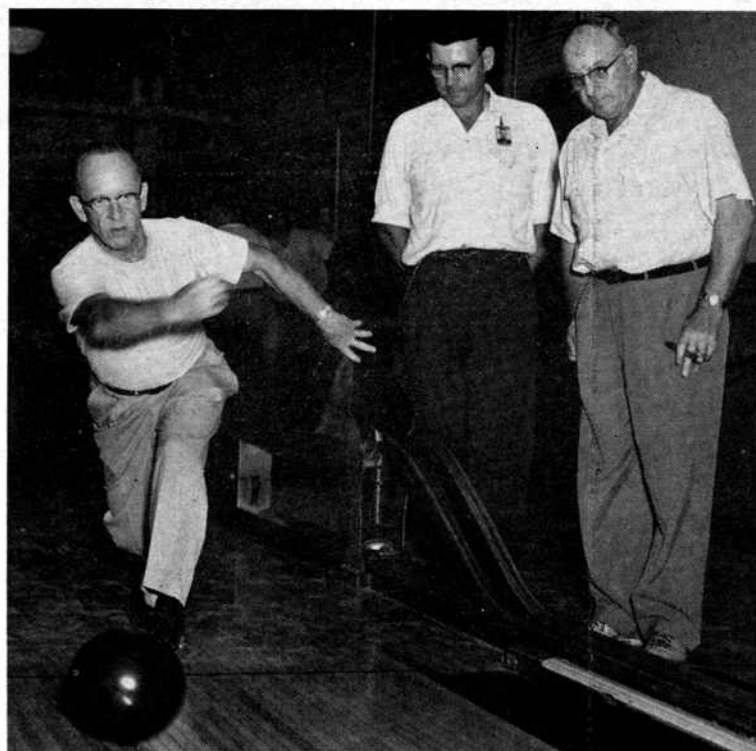
Individual competition was close with no less than four bowlers posting identical 182 games for high scratch. They were Hossley, Q Balls; Morrow, Murderer's Row; Owen, Hornets; and Goodwin, Murderer's Row. Hairston, Murderer's Row; and Smith, Hot Wires; each had a 230 handicap game. Goodwin had the top handicap series of 632 and Smith the scratch series of 490.

In team scoring the lethal Murderer's Row swept the boards with the scores of 810, 1023, 2254 and 2892.

The top five averages in the league for two nights are Smith 163, Brewer, Q Balls, 158; Goodwin 157, Hensley, Q Balls, 156; and Tiller, Hot Wires, 154.

League standing follows:

| Team           | W | L |
|----------------|---|---|
| Hot Wires      | 7 | 1 |
| Murderer's Row | 7 | 1 |
| Glass Arms     | 4 | 4 |
| Rusty Five     | 3 | 5 |
| Hornets        | 3 | 5 |
| Deltas         | 2 | 6 |
| Sooners        | 2 | 6 |
| Q Balls        | 0 | 8 |



**SPEAKING OF CONCENTRATION — TAKE A GANDER AT HAROLD** "The Mighty Mite" Rotjen and president of the Classic League, showing his form on the Oak Terrace alleys under the watchful and critical eyes of Elmore Koons, center, secretary-treasurer of the league; and Ernie Cobble, vice president. This trio of "old pros" in Y-12 bowling circles see a bright season ahead for their league.

## Many Entries Predicted For Fishing Rodeo Opening October 1 For All Y-12 Anglers

As long as they are going fishing anyway—anglers of Y-12 are expected to enter in force in the plantwide fishing rodeo scheduled by the Recreation Department for the October 1-23 period with a flock of handsome prizes to be awarded winners in the several classification of fish eligible for the rodeo.



**WHOOOPS!!! HERE'S ONE BIG 'UN** that didn't get away. It's a fine smallmouth bass nabbed by Russell Hopper, General Machine Shop and one of Y-12's most active anglers. It is a strong contender for honors in the Y-12 1955 Annual Fishing Contest. The big lunker was taken from Ft. Loudoun Lake.

## Mixed Bowling Loop Opens Play Tonight

After several weeks of planning, the Y-12 Mixed Bowling League composed of teams of men and women bowlers, is expected to get underway at 8:30 o'clock tonight, Wednesday, September 28, at the Central Alleys.

Six teams of four players each will compose the new league. Two men and two women bowl on each team and formation of the loop is the first opportunity for Y-12 keglerettes to participate in a plant loop.

The league will bowl every Wednesday night at the same time and place as on the opening night.

### WE ARE BILLIONAIRES

Chemistry teachers used to astound their students by saying that the chemical content of a human body was worth just about 98 cents—a humiliating thought. However, in today's atomic age it is ascertained that the atoms in the body of an average person contain a potential energy of more than 11,000,000 kilowatts per pound — making most persons worth something like \$85.5 billion each.

It's sensible to be safe.

## Bombers Blast ORNL Team For City Title, Meet UCJVs In Important Loop Tilt Friday

### Hatmaker Hurls Four-Hitter As Mates Maul Labsters In Oak Ridge Class B Tournament

With Gib Hatmaker hurling a four-hitter, the Bombers of the American League of Y-12 Plant softballers humbled the Oak Ridge National Laboratory Health Physics outfit by a score of 15 to 3 to take the Oak Ridge Class B Softball Tournament championship last Thursday night. The tournament was sponsored by the Oak Ridge City Recreation Department and drew around 30 teams from the various plants and organizations around these parts.

#### American Loop Title At Stake

There will be short rest for the Bombers before they take on the Uranium Control Junior Varsity charges of Manager Fabulous Frederick Uffleman in an important American League game of plant league activity at 7 o'clock on Friday night of this week, September 30. The winner of this game will clash with the Sunflower squad for the title of the second half the American League race.

The Friday night clash will be staged at the Midtown Park No. 1 diamond in Oak Ridge — on the Turnpike—where parking is free and easier and spectator accommodations are ample.

#### Ridgerunners Already In Series

There's more for the champs, who are first half winners in the American League. If they repulse the bids of the UCJVs and Sunflowers, they will have the season's American League title sewed up. Then they will face a three-game "World Series" for the plant championship against the Ridgerunners, National League crown wearers. If either UCJV or Sunflowers upset them, the Bombers, a post season tussle for the American League honors must be played.

No dates have been set for any of the post season playoffs but the Recreation Office is hoping to get them all in before Thanksgiving.

#### Frazier Hits Inside Homer

In that city title clash the Bombers blasted away early and often against the Labsters. The team played errorless ball behind Hatmaker and whacked out 16 hits, including a home run inside the park by Carl Frazier. Meanwhile the Health Physics outfit bobbled four times to help the Bombers' cause.

Line score of the championship game follows:

| Team         | R   | H   | E  |
|--------------|-----|-----|----|
| ORNL H. P.   | 010 | 002 | —0 |
| Y-12 Bombers | 330 | 072 | —x |

Clark, Simpson and Williams. Hatmaker and Costleberry.

## Duke Will Be Tough For Vols Saturday

Y-12 football fans planning to attend the Tennessee-Duke football game on Saturday afternoon of this week, October 1, will see one of the nation's strongest grid outfits in action when the Blue Devils from Duke take the field. Kickoff time for the game is 2 o'clock and University of Tennessee authorities report plenty of good reserved seats left for sale.

## Air Force Base Is Visited By 25 Y-12ers In ASTE

About 25 Y-12 members of the Knoxville-Oak Ridge Chapter of the American Society of Tool Engineers were with the group when it made a tour last week of facilities at the McGhee-Tyson Air Force Base near Alcoa. The tour was arranged by O. K. Sergeant, of Y-12, who is program chairman of the chapter.

The chapter members were conducted on the tour by Lieutenants Hyatt and Mallory. Among the points visited were the repair hangers where jet planes and engines in various stages of dis-

## Cubs Conk Rebels To Cop Loop Lead

The Cubs took over undisputed possession of first place in the Classic League of plant bowlers last week by ousting the Rebels from the lead with a three-point win in a head-on clash. The Rebs dropped to a second-place tie with the Wolves and All Stars, three-point winners over the Wasps and Screwballs, respectively. The Swingsters and Playboys took similar wins over the Tigers and Rippers and the Has Beens and Bumpers rolled to a two-point each deadlock.

Otto Briscoe, All Stars, had the best handicap scores of the night with a 250 game and 686 series. Jack Spears, Rebels, posted a 208 scratch game and Joe Smyrl, Wolves, had a 545 series to lead the scratch scorers. Despite their loss the Rebels had the best team scratch game with 879. The Swingsters had a 1050 handicap game for tops but the Wolves hogged both series scores with 2430 scratch and 2962 handicap.

League standing follows:

| Team       | W | L  |
|------------|---|----|
| Cubs       | 9 | 3  |
| Rebels     | 8 | 4  |
| Wolves     | 8 | 4  |
| All Stars  | 8 | 4  |
| Tigers     | 7 | 5  |
| Has Beens  | 7 | 5  |
| Swingsters | 6 | 6  |
| Playboys   | 6 | 6  |
| Bumpers    | 5 | 7  |
| Screwballs | 3 | 9  |
| Wasps      | 3 | 9  |
| Rippers    | 2 | 10 |

## Final Golf Tourney Draws 42 Entrants

The fifth and final week-end golf tournament for Y-12 players, held Saturday at the Oak Ridge Golf and Country Club, saw prizes awarded 24 of the 42 entrants in the event. Threatening weather held down the entry list, as previous tournaments had drawn an average of 60 golfers.

Karl Kahley took the hole-in-one contest, landing his shot four feet from the cup. John Snyder pitched to 12 feet, eight inches for second and Harvey Saylor 19 feet, three inches for third.

In the First Division for golfers with handicaps up to 12, first place net was tied between Jack Spears and Carl Dorr at 73. Bill Mee and George Peterson tied for second with 78 and Brice Burrus was third with 84. In gross scoring Art Hines was first with 82, Arnold Tiller second at 90 and C. E. Harris third with 92.

The Second Division had golfers with handicaps from 13 to 22. In net scoring Newt Hamby was first with 66, J. Patterson second 69, George Wylie third 70, and J. P. Smith fourth 71. Gross scorers were Bob Orrison 84, Clarence Peterson 86, Harvey Saylor 87, and John Snyder 90.

Third Division golfers with handicaps of more than 23 found Bill Stanton first with 65 net and Bill Ebert second with 72. George Everett was top gross scorer with 94 and Sam Schutz second with 99.

George Strasser won the lucky number draw.

repair were seen; the simulated flight training facilities; and the alert hanger where jet fighter planes are constantly ready to take off for defense of the area.

Remember—Only you can  
**PREVENT FOREST FIRES!**



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Continued from Page 2

her husband, E. J. Asbury, of Mechanical Engineering, moseyed up to Maine this week for their vacation . . . Frances Smith selected North Carolina for her rest period.

Helen Claffey, Manufacturing Office Department, is visiting her father in Okolona, Miss., this week.

Jack Garland, Stores, was in Pennsylvania and New York City last week, seeing the sights.

Polly Arnold, Material Control, meandered to Memphis for her vacation . . . Get-well wishes to W. C. Davis.

Reproduction's Tom Hillard jaunted to Jackson, Tenn., for vacationing purposes.

Kyle Reed, Methods Engineering, paraded to Pensacola, Fla., for his vacation . . . Bob Waldrop still was ill last week and receiving get-well wishes.

J. P. Hunt, Production Inspection, enjoyed his vacation lolling in his new home at Kingston.

### ALLOY

Alpha Four's Isaac Waltons, nee A. T. VanDyke and C. E. Stooksbury, are baiting hooks near Fontana, N. C., and Clinton, respectively . . . H. S. Lane is taking a week's vacation to help care for his new income tax exemption—a baby boy . . . J. W. Steele is taking a lazy man's vacation at home in Lenoir City, while J. W. Simmons is visiting with his wife's kin folks in Detroit, Mich. . . . The welcome mat is out for H. H. Caudill after a spell of illness. . . . Alloy orchids go to Barbara DeMarcus, Beta Two; Jean Vaughn, Alpha Four; Marian White, wife of J. K. White, Alpha Four; and Jeri Kobisk, Alpha Four and the colyum's representative in Alpha Four, for their sterling performances in the Jaycee Follies.

(Ed's Note—The last four lines of above paragraph were written by the Colyum Conductor.)

Beta Four's George Marcus is another vacationer taking the next best thing — and saving a lot of dough—he's watching the World Series on TV this week . . . Paul Tinnel is at home in Lenoir City.

Alpha Five reports D. R. Carr vacationed at home last week.

### MECHANICAL OPERATIONS

L. B. Keith, General Machine Shop, is 'way out in Tucson, Ariz., for his vacation . . . Others away with no forwarding addresses are F. H. Pitzer, W. D. Newman, F. R. Swanson, J. K. McGregory, G. R. Easter and A. H. Coling . . . Lots of sick folks getting rapid recovery wishes, to wit—E. L. Armstrong, T. R. Webber, Ralph Lawson, Albert H. Johnson, S. Smith, P. L. Collins, G. B. Borella, H. M. Monday, F. B. West, J. M. Butts, F. R. Monroe and F. E. Shipley . . . Condolences are extended C. P. McLemore, whose mother died last week.

C Mechanical Operations extends deepest sympathy to C. F. McLarrin, whose father died recently—and also to D. L. Freel, whose mother died last week . . . O. H. Cunningham is a vacationer.

Better news from D Mechanical Operations—K. B. Shelton is the happy father of a six-pound, three-ounce son born September 16 at the Richland, Va., hospital . . . A. W. Teague improved the shining vacation hours by beautifying



**HIS "BIG BOY" TOMATO PLANT** is "that high," points out Dan Zehner, Carpenter Foreman in Buildings and Grounds, who is one of Y-12's more enthusiastic amateur agriculturalists. He modestly disclaims any particularly big individual tomatoes on this plant that extends nine and one-half feet skyward over the top of his home out on Washington Pike in Knox County, but is proud of the consistent yield given since June 1 and which will last through the first frost.

his new home in Harriman . . . W. Crowe has moved into his new home at Lenoir City . . . Week-end trips were made by W. M. Turner to Chattanooga — B. R. Rowland and K. J. Scholz to do some fishing on Watts Bar Lake. . . . C. E. Day is welcomed back after an extended illness . . . Get-well wishes to C. D. Wills, recovering from automobile accident injuries; and to G. A. Grider and Frankie DuBose, both in Oak Ridge Hospital.

E Shift of Mechanical Operations Division is still talking about their swell picnic at Big Ridge Park recently—lots of eats and a big time had by all . . . Congratulations to J. Gresham, proud pop of an eight-pound son, yet unnamed . . . H. H. Sanning is back from a vacation in Jefferson City, Mo. . . . M. B. Carter reports a nice rest at home in Knoxville . . . Willie Green also is back but ain't talking much—except "it was a nice vacation" . . . C. C. Money-maker is moanin' the blues over that bum fishing trip a few nights back . . . J. I. McKinley is happy over recovering from that two-week siege of poison ivy (Ugh) . . . Get-well wishes to G. Neal, on last week's sick list . . . G. C. Lay is going to try and catch some "big uns" while vacationing this week . . . B. Rankin is hoping to lower the squirrel population hereabouts . . . Less strenuous rest periods are planned by F. L. Hise, J. T. Henry and R. E. Liles at their homes.

### SUPERINTENDENTS

General Utilities has J. D. Snow, H. R. Gilliam and J. D. Barnette vacationing.

Well, autumn is here—by the calendar, not the thermometer, so this author is saying:  
"Hi, noon, it's time to gettheheckoutahere."

### PUBLIC IS BENEFICIARY

The greatest beneficiary of research in the chemical industry has been the public, national statistics have revealed.

## Three Former Y-12ers On Harwell Program

Keim, Normand And  
Weaver Present Papers

Three former Y-12ers, still Union Carbide Nuclear Company employees in the Y-12 Plant Area with the Oak Ridge National Laboratory, presented papers at an international isotope conference at Harwell, England, September 13-16. They are Dr. C. P. Keim, Director of the Stable Isotope Research and Production Division; Dr. C. E. Normand and Boyd Weaver, employees in the division.

### Nine Nations Represented

"The Production and Utilization of Electromagnetically Enriched Isotopes" was the theme of the conference, attended by delegates from the United States, Belgium, Denmark, England, France, The Netherlands, Norway, Sweden and West Germany.

Dr. Keim presided at one session and read a paper by himself and P. S. Baker on "Distribution and Utilization of Electromagnetically Enriched Isotopes from 1946 to 1955 in the United States." He also presented a paper co-authored with Dr. C. R. Baldock on "Mass Spectroscopy at ORNL. Both Baker and Dr. Baldock also are former Y-12ers now with ORNL and still stationed in the Y-12 Plant Area.

### Electromagnetic Process Used

Dr. Normand presented papers on "High Temperature Ion Sources," "Collection Problems of High Intensity Beams" and "General Design Features of Large Isotope Separators." Weaver, in addition to presiding at one session, presented papers on "The Preparation of Charge Materials for Electromagnetic Isotope Separation With Emphasis on Rare Earths" and "Chemical Refinement of Electromagnetically Separated Isotopes."

The electromagnetic separation process used in Y-12 during World War II for production of Uranium 235 now is being used for the separation of almost 300 stable isotopes of 60 different elements.

## Rides Wanted, Offered

Ride wanted or will join car pool from Kingfisher Lane, Oak Ridge, to East Portal, straight day. Babs Stooksbury, plant telephone 7784, home telephone 5-2122, Oak Ridge.

Two ride s wanted from Rockwood vicinity to Bear Creek Portal, straight day. R. T. Day, plant telephone 7972.

Two riders wanted or participants in car pool from South Harriman or Harriman to Central Portal, B Shift. Homer Baker, plant telephone 7-8351, home telephone 1292-M, Harriman.

Riders or car pool participants wanted from Faunce Lane, Oak Ridge, to North Portal, straight day. C. R. McGinnis, plant telephone 7541, home telephone 5-9318, Oak Ridge.

Riders wanted from Wartburg to any portal, straight day. Harley Orange, plant telephone 7-8531.

One rider wanted from Washington Pike, Valley Road or Whittle Springs vicinity, Knox County, via Dutch Valley Road to Central Portal, straight day. W. L. McCormick, plant telephone 7302.

Ride or riders wanted or will join car pool from Laddie Village, Kingston, to any portal, E Shift. C. T. Eldridge, plant telephone 7175.

Want to join car pool from Aspen Lane, East Village, Oak Ridge, to North Portal, straight day. N. Gengozian, plant telephone 7018, home telephone 5-3840, Oak Ridge.

One rider wanted from Washington Pike, Whittle Springs, vicinity in Knox County to East, North or Central portal, straight



RALPH R. BROWNING, LEFT, A DIRECTOR OF UNION CARBIDE AND Carbon Corporation, and Morse G. Dial, President, are shown with an artist's sketch of Union Carbide's proposed new home in New York City. The photograph was taken at the recently-acquired site, the entire block between Park and Madison Aves. and 47th and 48th Sts. The 41-story building, which will house the home offices of the Corporation and its divisions, is being planned for completion in 1958.

## Pistoleers Of ORNL Nose Out Y-12ers In Summer Loop; Fall Season Is Near

The Y-12 pistol team in the Oak Ridge Sportsmen's League for summer competition came out in second place during the recently closed season, only one point down from the winning Oak Ridge National Laboratory gunmen. The leading Labsters had a mark of 20 wins and four losses against 19 victories and five defeats by the Y-12 pistoleers.

Plans now are being laid for the fall and winter seasons of both the Y-12 Plant League and the Sportsman's League, sponsored by the Oak Ridge Sportsmen's Association, with both seasons getting underway early next month. In the latter league results are determined by comparative scores.

In the summer season ORNL took first place in scratch firing while Y-12 led in handicap scoring. The Y-12ers almost overtook their rivals in the last match of the season by winning both handicap and scratch firing, the figures being a season's record 1,342 scratch for Y-12 to 1,284 for ORNL and 1454.546 to 1447.243 for the losers.

In the Sportsmen's League the Y-12ers will be led by Co-Capt. M. L. Woodard and P. H. Williams.

## Playhouse Will Open With 'Caine Mutiny'

The Oak Ridge Community Playhouse, one of East Tennessee's leading amateur theatrical groups, will open its 1955-1956 season next week end with the presentation of the highly dramatic "The Caine Mutiny Court Martial." The fast-moving navy story with both the novel and play being written by Herman Wouk, will be staged at the Jefferson Junior High School Thursday, Friday and Saturday, October 6, 7 and 8.

The play calls for an all-male cast and rehearsals have shown that the difficult roles in the production will be well handled.

Following the opening production the Playhouse schedule calls for the offering of My Sister Eileen November 17, 18 and 19. The Mad Woman of Chaillot February 9, 10 and 11, Dangerous Corner (or An Inspector Calls) April 5, 6 and 7, and Stalag 17 May 17, 18 and 19.

### ELECTROMET IS VERSATILE

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day. O. W. Morris, plant telephone 7993, home telephone 6-7300, Knoxville.

## Y-12 Pilot Took Part In CAP Detection Drill

A Y-12 airplane pilot was scheduled to take part in "Operation Egg Hunt" along with other members of the Oak Ridge Squadron of the Civil Air Patrol, which is commanded by Capt. L. A. Slover, also a Y-12er in Research Services. The pilot is J. Fred Burnette, of the General Machine Shop.

"Operation Egg Hunt" was to have consisted mostly of radiation detection from the air by CAP planes and others. Radiation sources were to have been placed on the ground for the drill. Observation of low flying airplanes also was to be part of the operation along with communications problems involving mobile units of the CAP.

In addition to the Oak Ridge squadron, other CAP groups from Knoxville, Greeneville, Bristol, Johnson City, Kingsport and Morristown were slated to take part in "Operation Egg Hunt," according to Captain Slover.

In addition to Captain Slover, several other Y-12ers and members of their families are members of the CAP as senior or cadet members and were scheduled to take part in the Morristown exercises.

## Vocalists Invited To Try For Community Chorus

Y-12 vocalists desiring to sing with the Oak Ridge Community Chorus are invited to attend the weekly rehearsal sessions of the chorus at 7:45 o'clock every Monday night, according to Dan Bristow, director of the organization. The rehearsals are held in the chorus room of the Oak Ridge High School.

More male voices are particularly needed in the Community Chorus, the director said, but women also are urged to try out for the organization. The Community Chorus now is rehearsing for its initial concert scheduled for Tuesday night, November 22.

### FLASH BLUBS 25 YEARS OLD

The familiar flash bulb celebrates its 25th anniversary this year. More than 500,000,000 of these aids to professional and amateur photographers are sold annually.